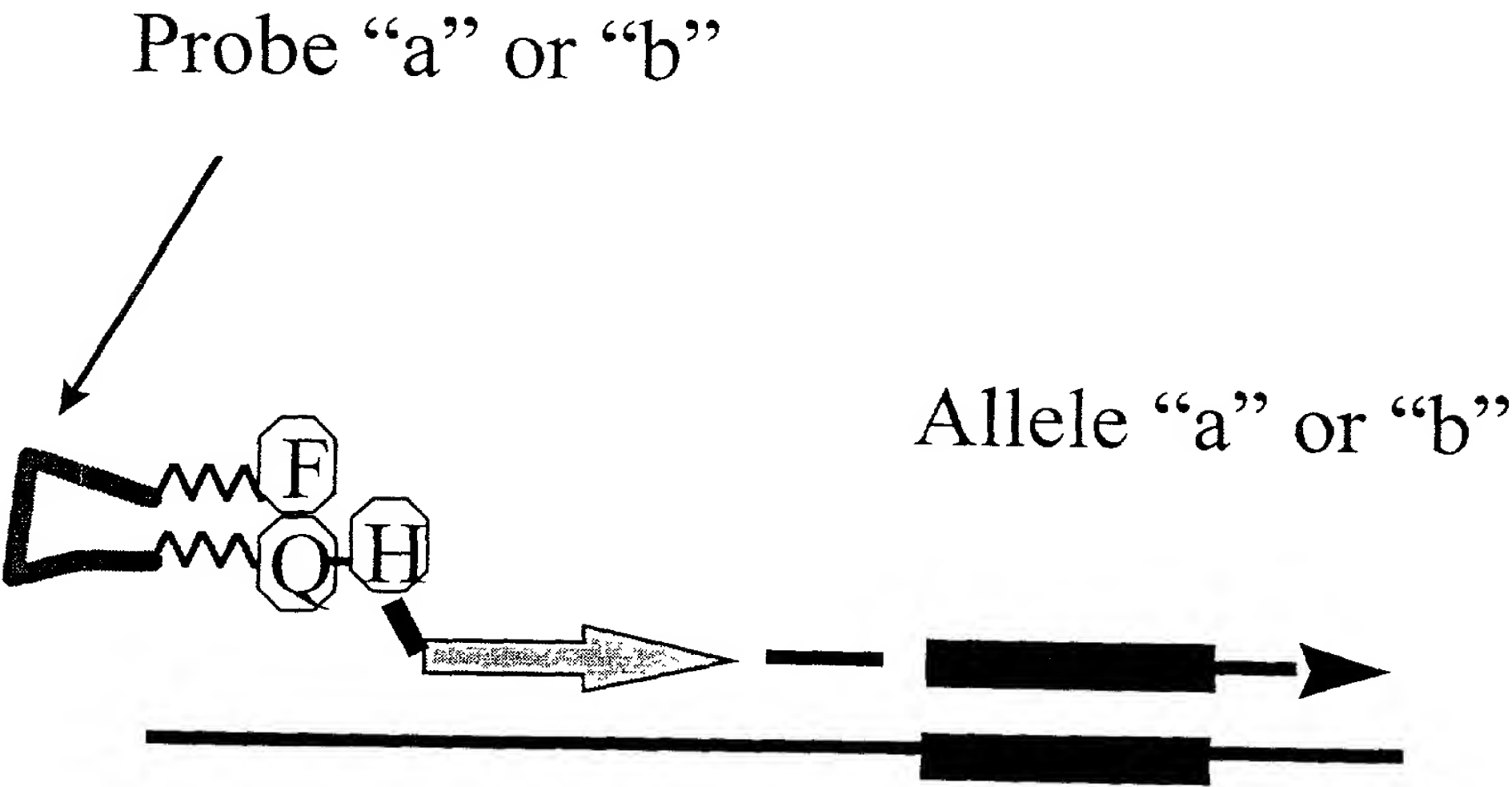


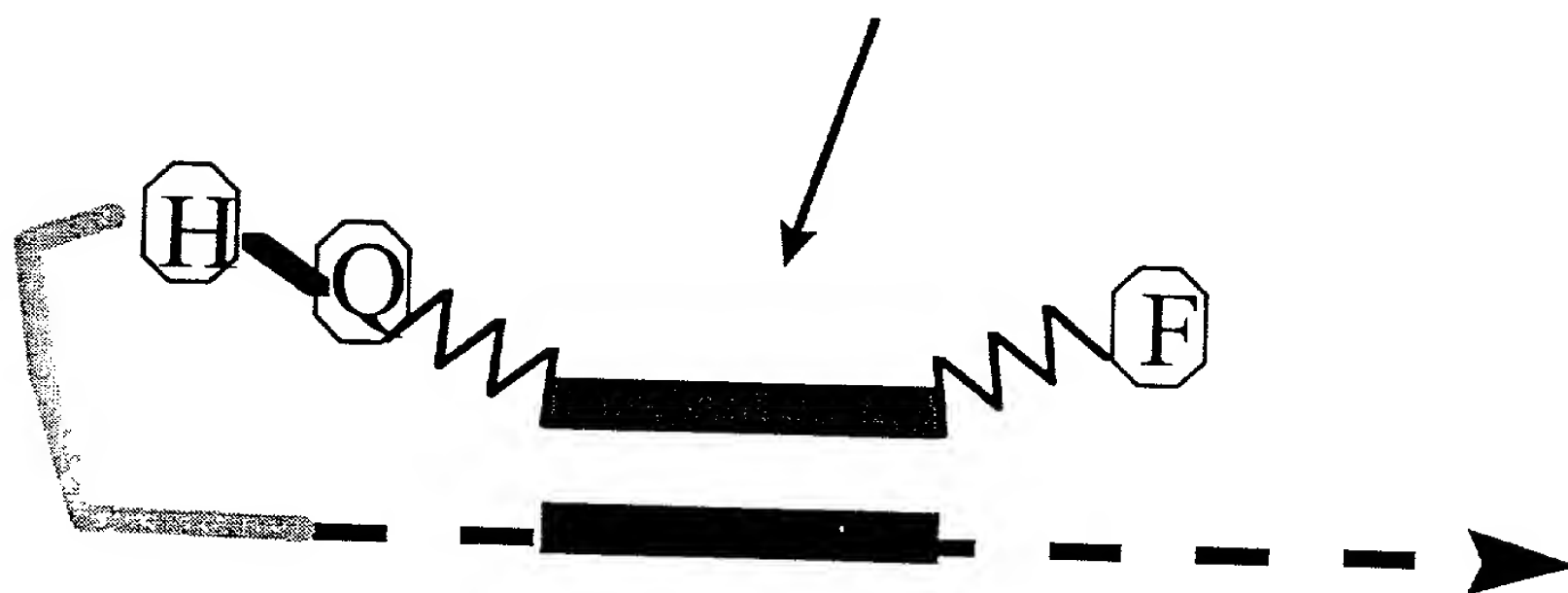
Figure 12a



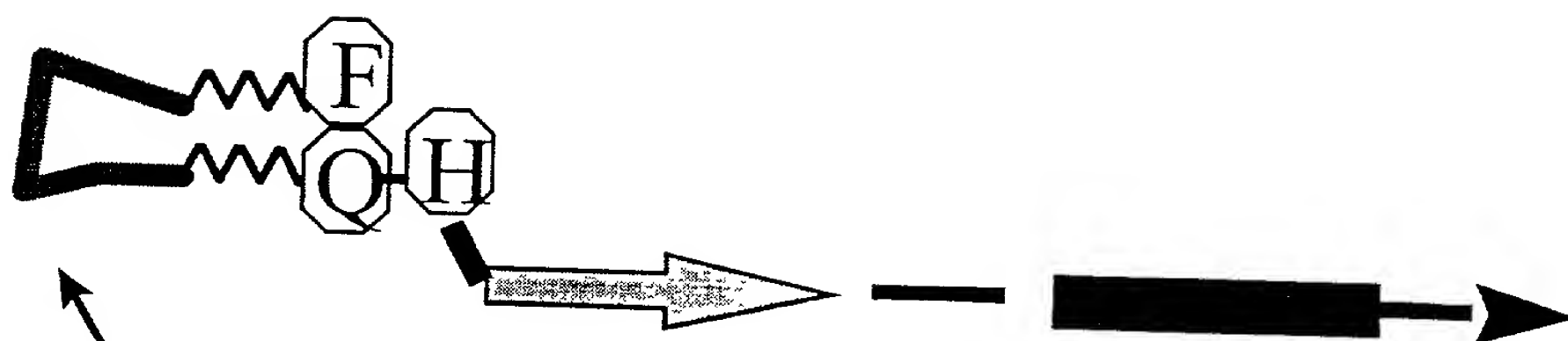
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Figure 12b

Probe matches target,
fluorophore unquenched



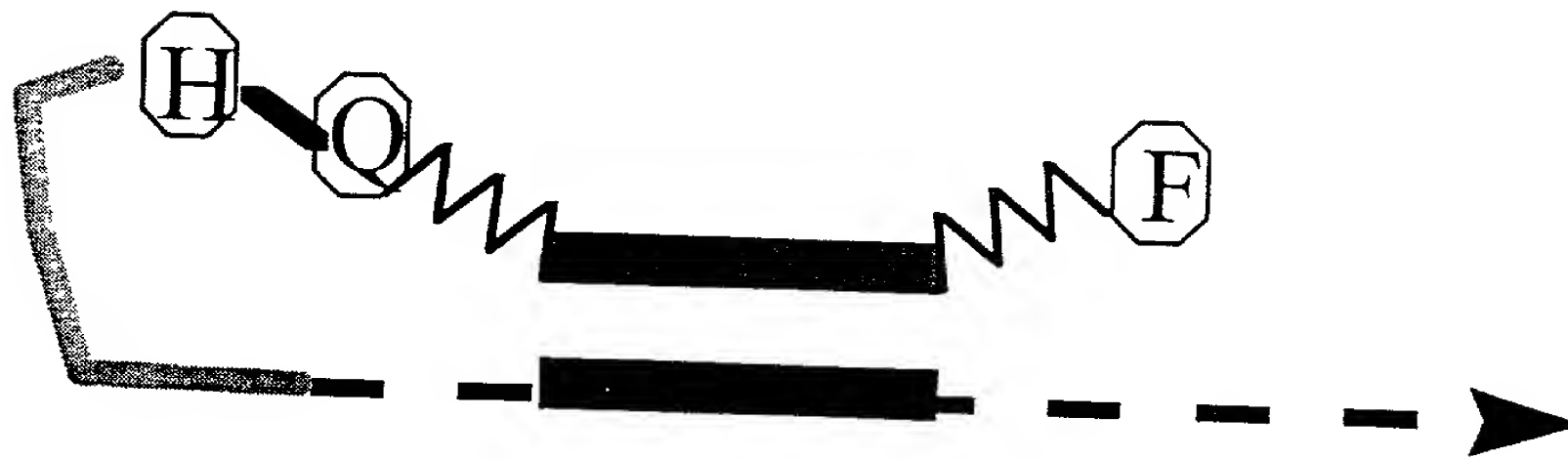
OR



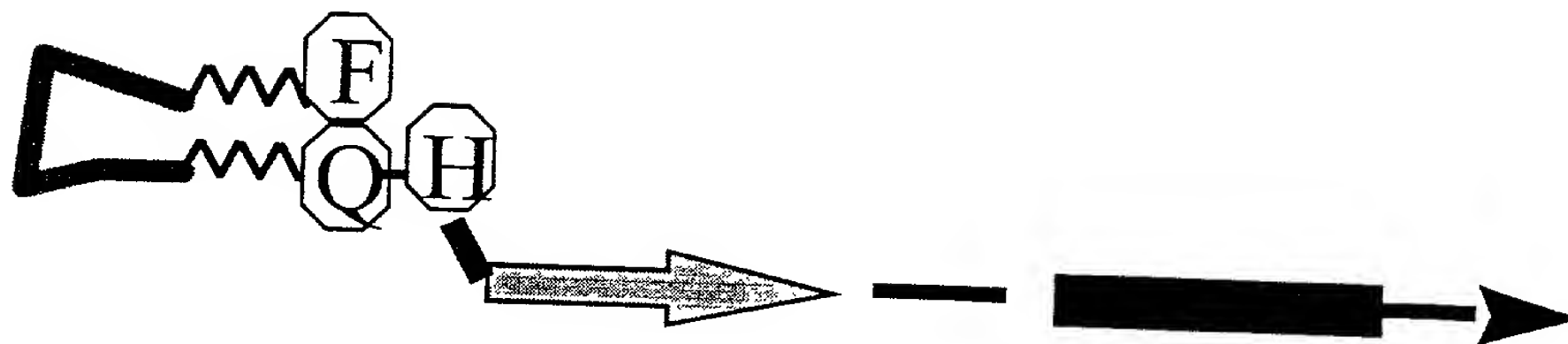
Probe and target mismatch,
internally quenched conformation
forms

09974830-101201

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Figure 12c

OR



For allele "a" on the forward strand

0974870-104204